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TITLE: Hinge module of mobile terminal, enabling user to open folder at desired angle

INVENTOR: KIM, N S

PATENT-ASSIGNEE: UNIT MOBILE TECHNOLOGY CO LTD[UNITN]

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PATENT-FAMILY:

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APPLICATION-DATA:

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| KR2004087115A | N/A             | 2003KR-0021372 | April 4, 2003 |

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ABSTRACTED-PUB-NO: KR2004087115A

BASIC-ABSTRACT:

NOVELTY - A hinge module of a mobile terminal is provided to allow a user to open a folder at a desired angle when using a supplementary unit such as an optical photographing equipment of a mobile terminal.

DETAILED DESCRIPTION - One side of a hinge shaft(20) is fixed to a main body. A hinge cam(30) makes an interworking motion with the hinge shaft(20). An auxiliary hinge shaft(50) makes an interworking motion with the hinge cam(30). A hinge spring(40) presses the auxiliary hinge shaft(50) toward the hinge shaft(20). A hinge housing(60) sequentially receives the hinge shaft(20), the hinge cam(30), the auxiliary hinge shaft(50) and the hinge spring(40) and then is installed at a hinge arm of a folder.

CHOSEN-DRAWING: Dwg.1/10

TITLE-TERMS: HINGE MODULE MOBILE TERMINAL ENABLE USER OPEN FOLDER ANGLE

DERWENT-CLASS: W02

EPI-CODES: W02-G02;

